

In the Claims:

Claims 1 and 5 have been amended as follows. The claims and their status are shown below.

1. (Currently Amended) A device for treating a temporomandibular joint, consisting essentially of comprising:

first and second pads (5), wherein said first and second pads comprise a cavity, wherein said cavity is filled with fluid (F), wherein said first and second pads (5) are connected to each other by means of a tube (7), wherein said first and second pads (5) comprise means (1, 3, 4, 8) for clamping said pads (5) on a posterior tooth (Z).

2. (Previously presented) The device of claim 1, wherein said first and second pads are formed by an envelope produced from a flexible material.

3. (Previously presented) The device of claim 1, wherein said means for clamping comprise at least one clip (8) bent in a way that corresponds to the contour of the posterior tooth (Z).

4. (Previously presented) The device of claim 1, wherein said means for clamping comprise at least two clips (8) bent in a way that corresponds to the contour of the posterior tooth (Z).

5. (Currently Amended) The device of claim 3 or 4 [[1]], wherein the clip (8) is cast into a clamping shoe (1), wherein said clamping shoe (1) is produced from plastic.

6. (Previously presented) The device of claim 5, wherein the clamping shoe (1) is formed in a U profile with one or more legs (3, 4) extending from a base area (2).

7. (Previously presented) The device of claim 6, wherein the height (H) of said one or more legs (3, 4) corresponds to the height of the posterior teeth (Z).

8. (Previously presented) The device of claim 6, wherein said one or more legs (3, 4) comprise a buccal leg (3) and/or a lingual leg (4).

9. (Previously presented) The device of claim 8, wherein said tube (7) is fastened to said buccal leg (3) of said clamping shoe (1).

10. (Previously presented) The device of claim 8, wherein said tube (7) is connected to a passage (6) extending through said buccal leg (3) to said pad (5).

11. (Previously presented) The device of claim 10, wherein the connection of said tube (7) to said passage (6) is located at one end (E) of said buccal leg (3).

12. (Previously presented) The device of claim 5, wherein said clamping shoe (1) is produced in an integral form with at least one of said pads (5).

13. (Previously presented) The device of claim 5, wherein said clamping shoe (1) is produced by thermoforming or by injection-molding.

14. (Previously presented) The device of claim 5, wherein said plastic is transparent.

15. (Previously presented) The device of claim 1, wherein said first and second pads are positioned on the occlusal surfaces of the posterior teeth (Z) of the left-hand and right-hand sides of a mouth.